



DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, CORPS OF ENGINEERS
219 SOUTH DEARBORN STREET
CHICAGO, ILLINOIS 60604

Extra
Chicago

*4477305 **

*4427402 **

20 September 1974

10-23-74

NCCOD-P

NOTICE OF PUBLIC HEARING

The U. S. Army Corps of Engineers will conduct a public hearing at the Career Center, 1800 East 35th Avenue, Gary, Indiana, commencing at 7:00 p.m., 23 October 1974, to consider applications for Department of the Army permits 4477305, and 4427402, requested by United States Steel Corporation, 600 Grant Street, Pittsburgh, Pennsylvania 15230, for maintenance dredging at the Gary Works Plant, Gary, Indiana, and for maintenance, new dredging, and the placement of rip-rap at the South Works Plant, Chicago, Illinois.

The Corps of Engineers is authorized to issue permits, for this type of activity, by Section 10 of the River and Harbor Act approved 3 March, 1899 (3 Stat. 1151; 33 U.S.C. 403) and Section 404 of the Federal Water Pollution Control Act (PL 92-500, 86 Stat. 816, 33 U.S.C. 1344).

The proposed work consists of the following:

- a. Gary Works - Dredging approximately 60,000 cubic yards of shoaled material with a clamshell dredge and depositing the material behind a retaining bulkhead immediately South of Gary Harbor.
- b. South Works - Dredging approximately 5,000 cubic yards of material from the South Vessel Slip and 175,000 cubic yards of material from the north slip and its approach. Dredged material will be deposited in the retained area immediately south of Gary Harbor, Gary, Indiana. Approximately 20,000 cubic yards of rip-rap will be placed adjacent to the U. S. Government's North Breakwater.

The purpose of the hearing is to provide an opportunity for all interested parties to present their views on the effects produced by (1) the proposed dredging and (2) disposal of dredged material in the area proposed.

At issue is the need to determine if it is in the best public interest to approve the proposed dredging and disposal activities. The proposed work is desired to insure that ore ships can be unloaded as Lake Michigan waters levels go down. This is the only practical unloading point for the U. S. Steel Corporation. However, citizen groups feel that this work will degrade sources of drinking water and recreational activities such as swimming and fishing.

NOTICE OF PUBLIC HEARING

The hearing will provide information that will assist in the determination by the District Engineer as to what further action will be taken on this matter by the Corps of Engineers.

A preliminary determination indicated that an environmental impact statement was not required for these permits because it was judged, at that time, that the proposed work would not be a major Federal action significantly affecting the quality of the human environment.

The applicant has received permits from the Indiana Department of Natural Resources and a letter of no objection from the Indiana Stream Pollution Control Board.

The State of Illinois, Environmental Protection Agency on 26 March 1974, and 6 June 1974, issued a waiver of water quality certification. Water quality monitoring will be conducted at both the dredging site and the disposal site. Water samples will be analyzed for the following parameters:

- | | |
|----------------------------|---------------------------|
| 1. Total Solids | 10. NH_3N |
| 2. Dissolved Solids | 11. NO_3N |
| 3. Turbidity | 12. Cyanide |
| 4. Chloride | 13. Total Iron |
| 5. Sulfate | 14. Hexene Solubles |
| 6. C. O. D. | 15. Phenols |
| 7. B. O. D. | 16. Oil and Grease |
| 8. Total Soluble Phosphate | 17. Specific Conductance |
| 9. Total Phosphate | 18. Organic Nitrogen |
| | 19. OH |

Bottom materials will be analyzed for the following:

- | | |
|----------------------------|----------------------------------|
| 1. Volatile Solids | 5. Mercury |
| 2. C. O. D. | 6. Lead |
| 3. Total Kjeldahl Nitrogen | 7. Zinc |
| 4. Oil and Grease | 8. Any other existing pollutants |


The location of the proposed activities are shown on the drawings attached to this notice.

All interested individuals, groups and agencies are invited and urged to be present or represented at this hearing. Everyone will be given an opportunity to express his views and furnish specific data on all aspects of the proposed modification, including technical, economic, social, and ecological and environmental considerations.

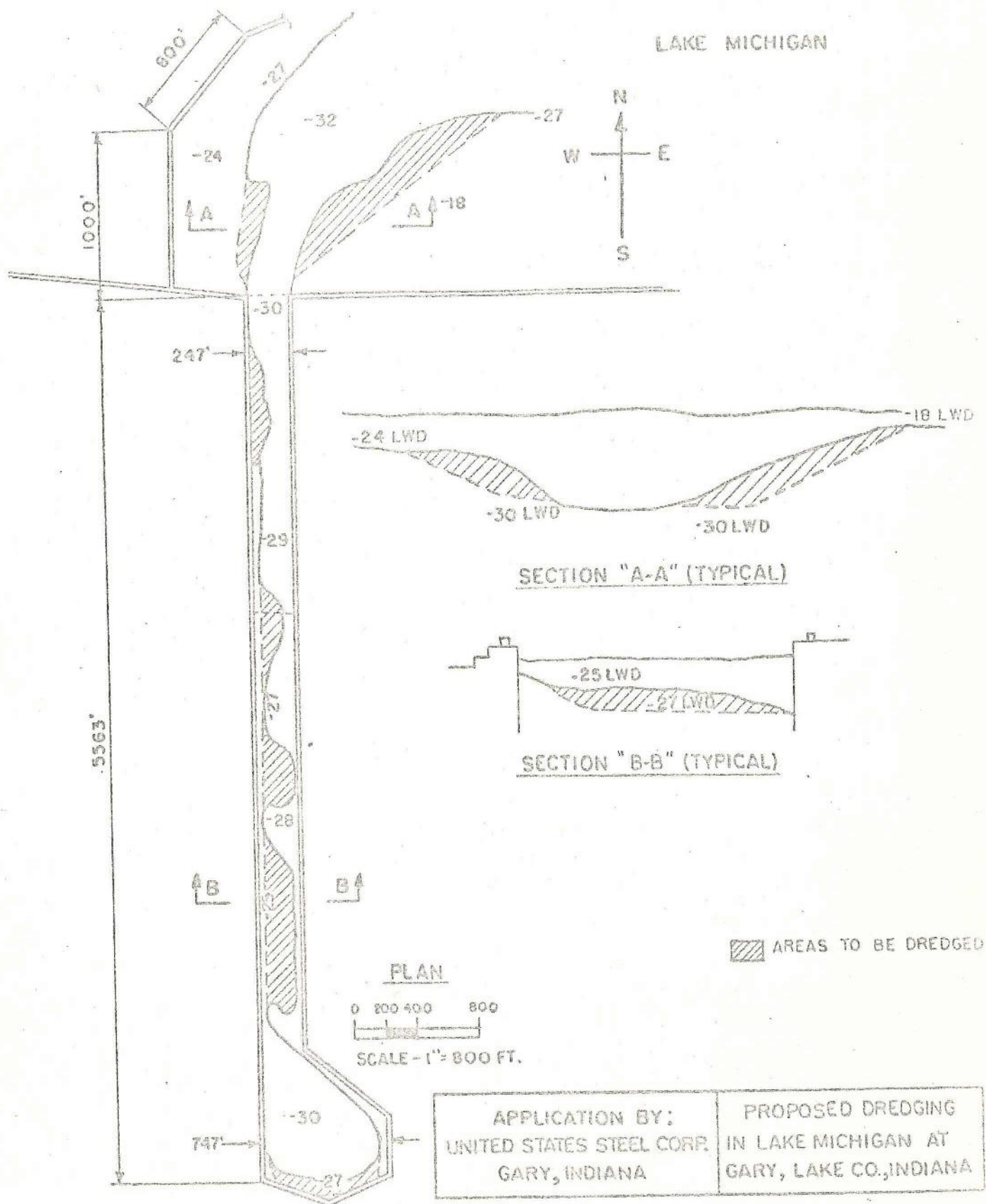
NOTICE OF PUBLIC HEARING

Oral statements will be heard, but for accuracy of the record, important matters of fact should be submitted in writing. Written statements may be handed to the Chairman at the hearing or may be mailed beforehand to the office address shown above. Mailed statements, both oral and written, will become part of the official record on the proposed modification and will be made available for public examination.

Incls
Drawings



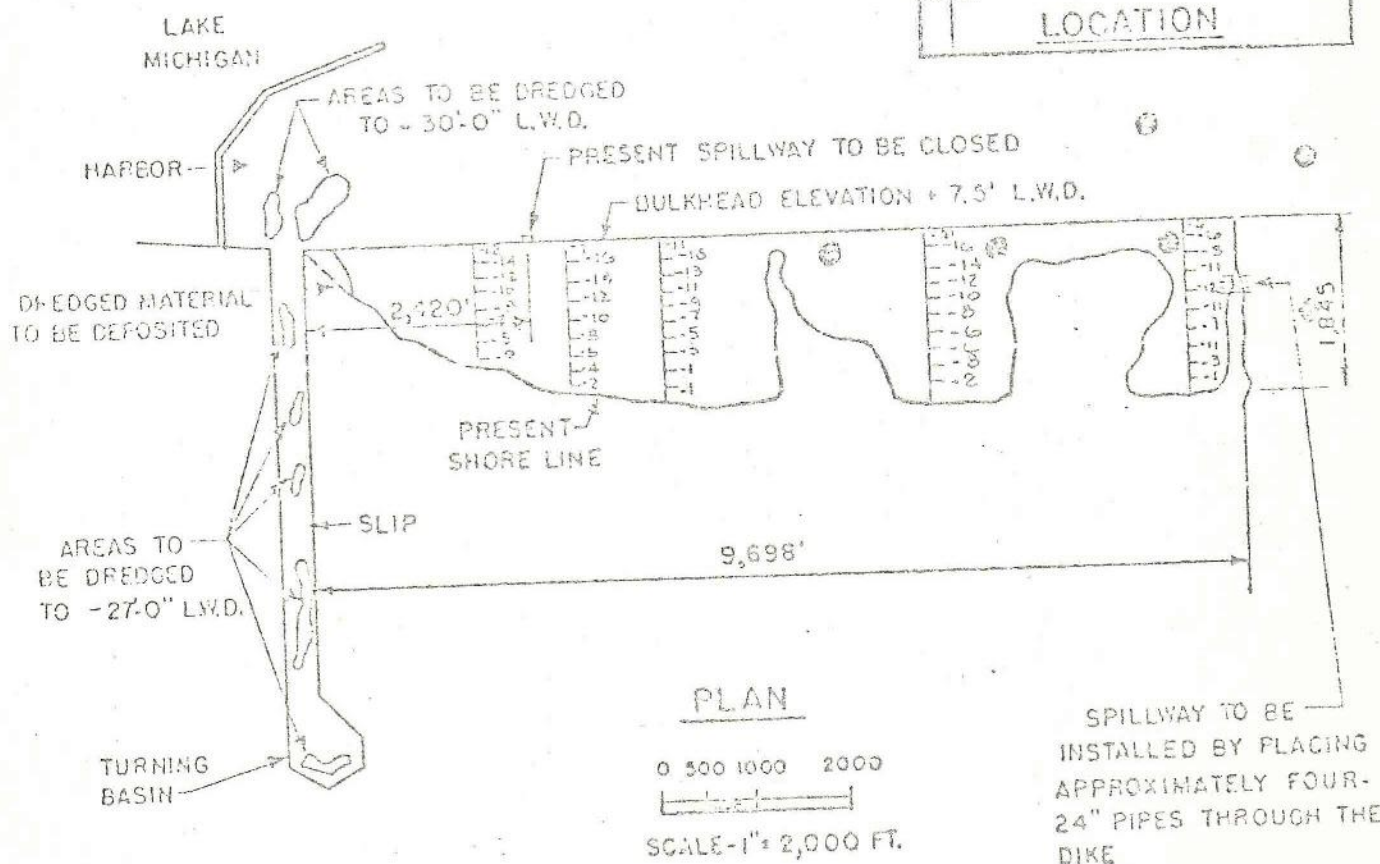
JAMES M. MILLER
Colonel, Corps of Engineers
District Engineer



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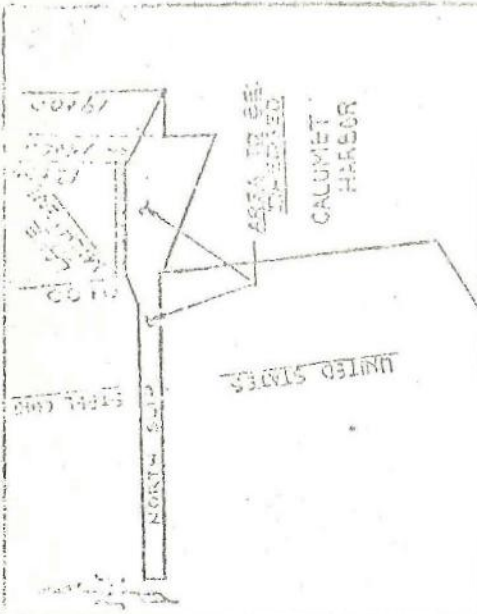
LAKE MICHIGAN
ALL ELEVATIONS AND SOUNDINGS
ARE IN FEET AND REFER TO LOW WATER
DATUM FOR LAKE MICHIGAN ELEVATION
575.8 FEET L.C.L.D. (1955)

APPROXIMATELY 60,000 CUBIC YARDS
TO BE DREDGED & DEPOSITED BEHIND
BULKHEAD AS SHOWN



● WATER SAMPLES

APPLICATION BY: UNITED STATES STEEL CORP GARY, INDIANA	PROPOSED DREDGING IN LAKE MICHIGAN AT GARY, LAKE CO., INDIANA
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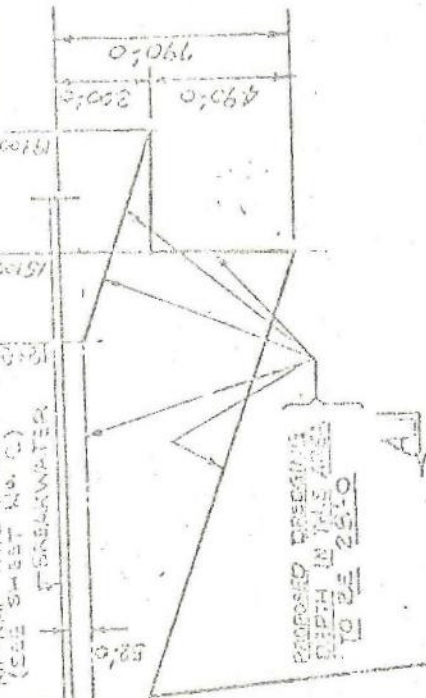


SCALE OF FEET
0 1000 2000 3000

LOCATION MAP

1200'-0" AREA ONLY (SEE SHEET NO. C)

BREAKWATER



SCALE OF FEET
0 200 400 600 800 1000

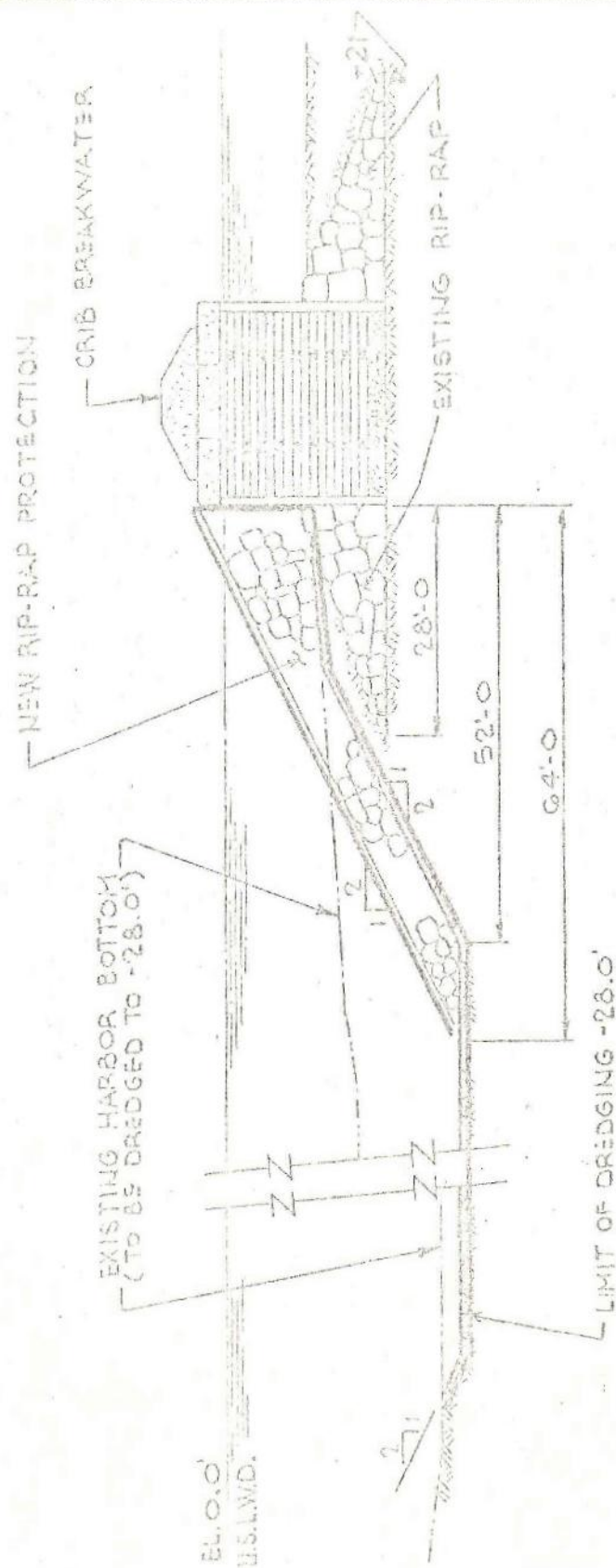
PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM 576.8 FT. ABOVE MEAN WATER LEVEL AT FATHER POINT, QUEBEC, INTERNATIONAL GREAT LAKES DATUM 1955.

IMPROVEMENT TO NORTH SLIP
& HARBOR ENTRY - SHEET 1 of 2

CALUMET HARBOR - LAKE MICHIGAN
CHICAGO - COOK COUNTY - ILLINOIS

APPLICATION BY

UNITED STATES STEEL CORP.
9-7-73



SECTION A-A

0 10'-0"

SCALE: 1"=10'-0"

SEP 13 1974
Federal Activities
EPA, WCO, Region V

IMPROVEMENTS TO NORTH SLIP
& HARBOR ENTRY - SHEET 2 of 2

CALUMET HARBOR - LAKE MICHIGAN

CHICAGO - COOK COUNTY - ILLINOIS

APPLICATION BY:

UNITED STATES STEEL CORP.
9.7.75 2-0047-4